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**IBM CONFIDENTIAL**

**SEARCHER:** Tim Wiens

**SEARCH TYPE:** Patentability Search

**SEARCH REQUEST NO. - RS800 - 0093**

**TITLE: A Method of Internationalizing Dynamically Rendered HTML through XML tag substitution**

**SEARCH REPORT FOR:** Gregory Doudnikoff, Raleigh

**FEATURES SEARCHED FOR:**

Method for internationalizing HTML by using a single template language tag and a template file (e.g. JSP file). The new tag is added to a JSP file. The tag is terminated, XML-style by closing and ending "text" tags. Sections of a JSP that must be translated into a national language are delimited by closing and ending "text" tags. What is enclosed within the opening and closing tags can be a combination of HTML tags (e.g. <BR> or <FONT> to indicate font changes etc.) and plain text.

**CLASS/SUBCLASS**

**DATABASES**

707/536,531

DOSS JAPIO WPAT

704/5,9

QPAT INSM TDBS SPI

Altavista ACM

**RELATED ART:**

**BACKGROUND ART:**

**PATENT F. DATE CL/SUB**

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5987403	5/29/97	704/2	5228121	9/8/92	707/531
5778356	11/8/96	707/2	5956740	10/23/96	707/536
			5848386	5/28/96	704/5
			5991713	11/26/97	704/9

#### **NON PATENT LITERATURE**

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#### **HOW DOES EACH OF THE RELATED ART REFERENCES CORRESPOND TO THE SEARCH FEATURE(S)?**

U.S. Patent 5,987,403 discloses a document language conversion system which converts text from one language to another using tag symbols and apparent substitution of text.

U.S. Patent 5,778,356 discloses an HTML system which allows dynamic selection of languages (see abstract).

#### **WHAT FEATURE(S) DOES THE BACKGROUND ART PROVIDE:**

U.S. Patent 5,228,121 discloses a method which searches for and replaces text in a tagged document system (see abstract and discussion of figure 2c).

U.S. Patents 5,950,740; 5848,386; 5,991,713 disclose tagged document systems which appear to allow conversion/translation from one language to another (see abstracts).

#### **FEATURE(S) NOT FOUND:**

**SIGNATURE:** 

**DATE:** 7/29/2000

**DATE RETURNED TO WAIP:**